

* Types of Decision Table:

- There are basically 2 types of decision table

1) limited entry decision table

2) Extended entry decision table.

1) limited Entry Decision table:

- Entry give Yes/No answer to the condition Statement & 'X' mark answer to the action Statement in decision table.

- This type of decision table is known as limited entry decision table.

- eg. Same as above decision table.

2) Extended Entry Decision table:

- The Statement may in Stub portions & entry portions of any particular row in decision table must be consider together to decide if condition or actions is relevant to a given rules.

- This type of decision table is known as extended entry decision table.

	R ₁	R ₂	R ₃	R ₄	R ₅	R ₆
1) Type writer	M	M	M	M	M	E
2) customer	R	D	R	D	I	-
3) Amount	<5000	<5000	>5000	>5000	-	-
1) Discount	6%	7.5%	7.5%	11%	7.5%	6%

M = Mechanical

D = Dealer

E = Electronic

I = Institution

R = Retailer

3) Mixed Entry Decision Table :

- It includes both limited & Extended Entry format can be used in a single decision table.
- This type of decision table is known as Mixed entry decision table.

	R ₁	R ₂	R ₃	R ₄	R ₅	R ₆
1) Typewriter : Mechanical	Y	Y	Y	Y	Y	N
2) Customer Type	R	D	R	D	I	-
3) amt <= 5000	Y	Y	N	N	-	-
1) Discount	6%	7.5%	7.5%	11%	7.5%	6%

* Advantages of Decision table:

- 1) Manager can be revealed from decision making for routine matt matters where decision rule can be clearly structured.
- 2) Complex decision rule may be structured & very clear.
- 3) There will be consistency in decision making.
eg. LIC.
- 4) Another use of decision table is to make communication between manager & System Analyst or programmer easier.
- 5) The method of documentation i.e. easily prepared and modified.
- 6) Decision table is in summary form and standard format. So, decision table is easy to use.

* Dis-Advantages of Decision table:

- 1) Use of both flow chart & decision table may impose additional burden.
- 2) Decision table does not depict flow by logic of solution to a given problem.

3) When there are too many alternative, decision table can not list them all. ✓

4) It is not easy to translate decision table into source program.